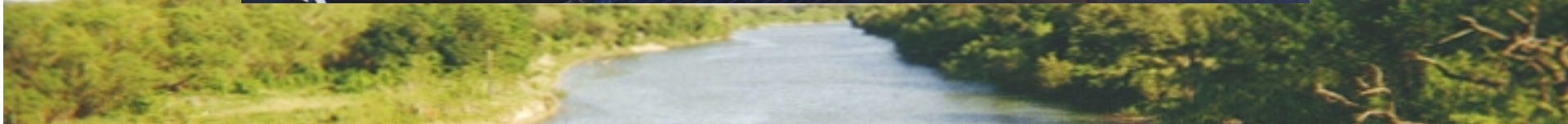


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High-Pressure Water Washout of Solid Propellant





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Perchlorate

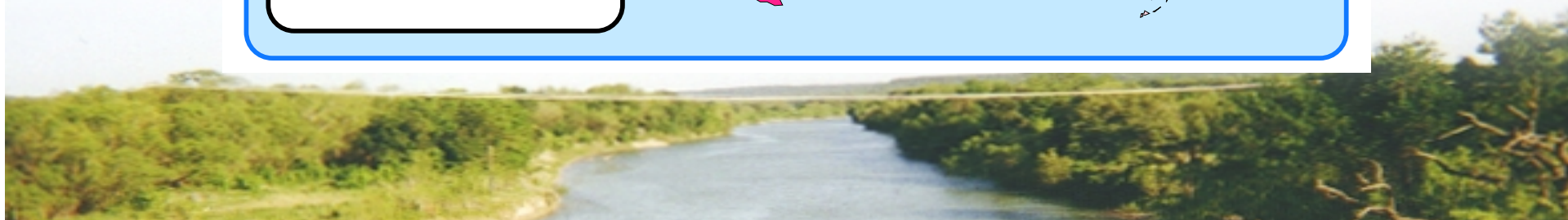
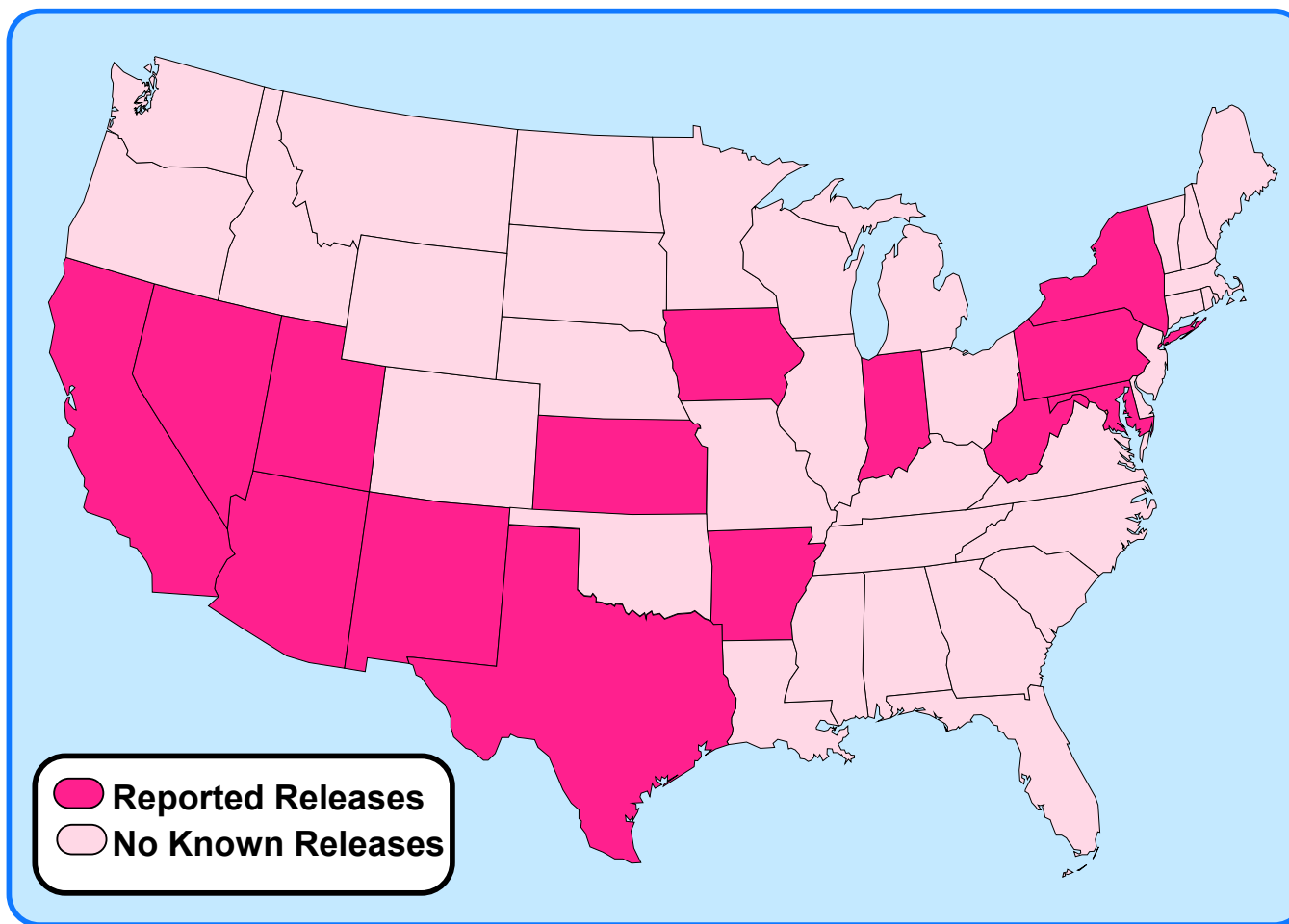
- Perchlorate dissolves easily like table salt;
- Once perchlorate dissolves, it results in a stable anion that can persist for decades in the environment; and
- Perchlorate moves easily through groundwater and surface water.

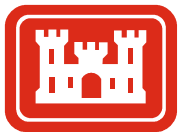




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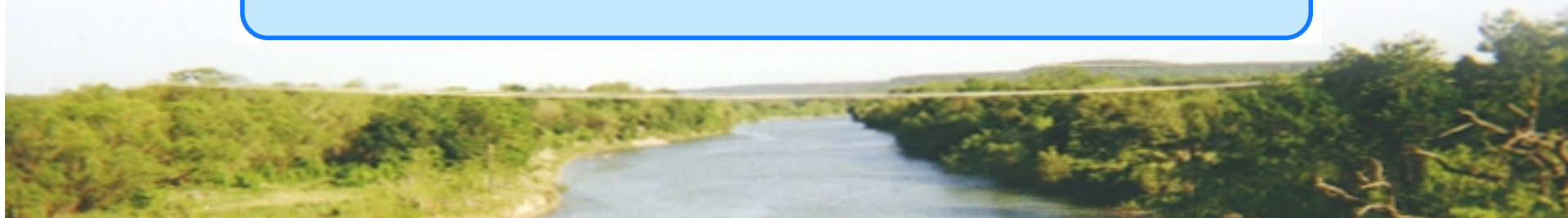
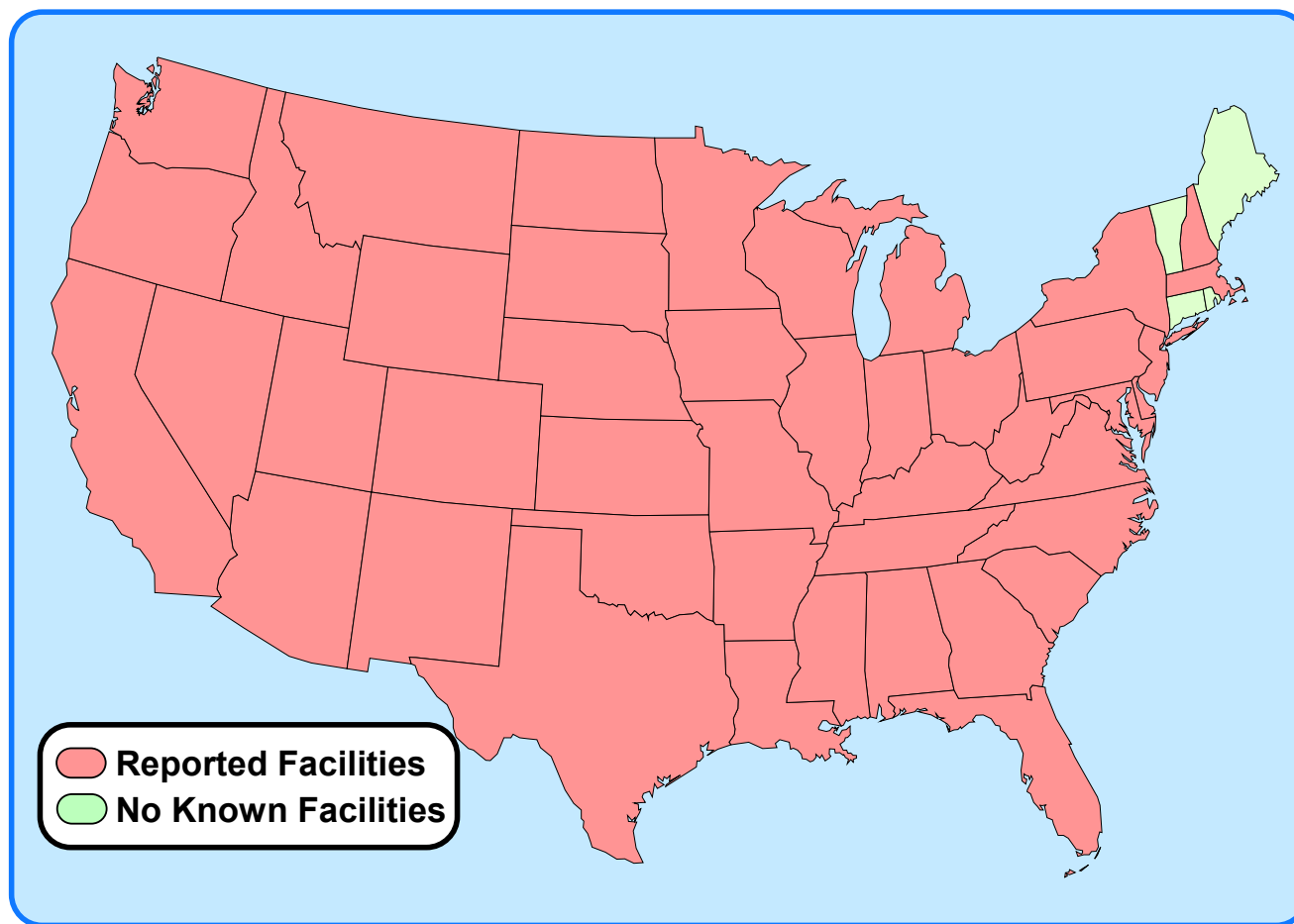
States with Environmental Releases of Perchlorate





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States with Perchlorate Manufacturers or Users





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Uses of Perchlorate

- 90% solid rocket fuel oxidizer
- Explosives
- Fireworks and pyrotechnics
- Reported in nitrate fertilizer from Chile

